CLAIMS:

1 (CURRENTLY AMENDED). A disc player for reading data from an optical disc having two data layers accessible from the same side of the disc, said player comprising:

a source of laser beams generating respective first and second incident laser beams;

an optical assembly <u>including a focusing member moved to focus</u>
[that focuses] the first beam on the first data layer and the second beam on the second data layer to obtain respective first and second reflected beams;

a first data detector that detects data from the first reflected beam to generate a first data stream corresponding to data from the first data layer; and

a second data detector that detects data from the second reflected beam to generate a second data stream corresponding to data from the second data layer.

2 (ORIGINAL) The disc player of claim 1 further comprising a first decoder that decodes said first data stream to generate a first decoded data stream; and a second decoder that decodes said second data stream to generate a second decoded data stream.

3 (ORIGINAL) The disc player of claim 1 wherein said first and second laser beams have different optical characteristics.

4 (ORIGINAL) The disc player of claim 1 wherein said first and second laser beams have different wavelengths.

5 (CURRENTLY AMENDED) A laser head for a disc player for reading data from an optical disc having a first and a second data layer on one side thereof, said head comprising:

a first laser source generating a first incident laser beam;
a second laser source generating a second incident laser beam;
an optical assembly including a lens that is moved to [that directs]
direct said first and second incident laser beams onto said first and second data layers, respectively;

a first detector that detects a first reflected beam corresponding to the first incident beam and generates a first data stream corresponding to data from said first layer; and

a second detector that detects a second reflected beam corresponding to the second incident beam and generates a second data stream corresponding to data from said second layer.

6 (ORIGINAL) The laser head of claim 5 wherein said beams have different wavelengths.

7 (CANCELED)

8 (ORIGINAL) The laser head of claim 5 wherein the optical assembly intercepts the reflected beams and directs them to the respective detectors.

9 (CANCELLED)

10 (CURRENTLY AMENDED) A method of reading data from two layers of a multi-layer optical disc [simultaneously], the method comprising:

generating first and second incident laser beams;

directing the first and second incident laser beams at the respective data layers through an optical system that includes an optical element moved to focus said first incident laser beam on a first data layer and to focus said second incident laser beam on said second data layer;

intercepting resulting first and second reflected laser beams corresponding to said first and second incident laser beams; and detecting first and second data streams corresponding to data from said first and second data layers.

11 (ORIGINAL) The method of claim 10 wherein said first and second incident laser beams have different wavelengths.

12 (ORIGINAL) The method of claim 10 further comprising

decoding said data streams.

13 (ORIGINAL) The method of claim 10 further comprising tracking the relative movement of the laser head with respect to the disc by using the second reflected laser beam.

14 (ORIGINAL) The method of claim 10 further comprising directing said first and second incident laser beams using a common focusing lens.

15 (NEW). The disc player of claim 1 wherein said focusing member is a lens.

16 (NEW). The disc player of claim 15 wherein said focusing member further includes a servo that receives data from said detectors and, in response, moves said lens.

17 (NEW). The method of claim 10 wherein said focusing element is a lens.